

Title (en)
Fastening device

Title (de)
Befestigungsvorrichtung

Title (fr)
Dispositif de fixation

Publication
EP 0687822 B1 19980812 (DE)

Application
EP 95810222 A 19950405

Priority
DE 4421252 A 19940617

Abstract (en)
[origin: US5655865A] An attachment arrangement for securing components or construction parts to an attachment rail (32) with a slot-like opening (34). The attachment arrangement includes a spring element (27) for improved handling which is deflectable both in the axial and radial directions. An axially elastic region (28) of the spring element (27) provides an axial prestress between a base member (21) and an intermediate member (29) whereby spontaneous detachment of the attachment arrangement by turning the base member (21) through 90 degrees relative to the attachment rail (32) is prevented.

IPC 1-7
F16B 37/04; E04D 3/08; F16L 3/26

IPC 8 full level
E04B 1/38 (2006.01); **E04D 3/08** (2006.01); **F16B 37/04** (2006.01); **F16L 3/26** (2006.01)

CPC (source: EP US)
E04D 3/08 (2013.01 - EP US); **F16B 37/045** (2013.01 - EP US); **F16L 3/2431** (2019.08 - EP US); **E04D 2003/0856** (2013.01 - EP US); **F16B 2200/40** (2018.08 - EP US); **F16B 2200/403** (2018.08 - EP US)

Cited by
NL2019744B1; EP0978663A1; NL1009809C2; EP0984178A1; DE102009019345A1; EP2821656A1; DE29713037U1; DE19752714C2; US9224409B2; US11378113B2; US10087995B2; US9869330B2; WO2019078709A1; WO2009149697A1; EP2669534A2; DE102012209267A1

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AT CH DE FR GB IT LI

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EP 0687822 A2 19951220; **EP 0687822 A3 19960904**; **EP 0687822 B1 19980812**; **EP 0687822 B2 20040908**; AT E169727 T1 19980815; DE 4421252 A1 19951221; DE 59503131 D1 19980917; JP 3688346 B2 20050824; JP H084740 A 19960109; US 5655865 A 19970812

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